Abstract

Process for producing an inorganic-inorganic composite material, in which an open-pore, crystalline oxide ceramic shaped part is produced from an oxide ceramic powder or a powder of an oxide ceramic mixture after shape-imparting processing and presintering,
an infiltration substance is applied to this shaped part in vacuo and at room temperature, and the oxide ceramic is sintered in a densifying manner under an air atmosphere and at ambient pressure to form an inorganic-inorganic composite material.

Fig. 5